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## **AMENDMENTS TO THE CLAIMS:**

JC17 Rec'd PCT/PTO 29 APR 2005

This listing of claims will replace all prior versions, and listings, of claims in the application:

## **LISTING OF CLAIMS:**

Manganese

1. (Currently Amended) Use of a precipitation-hardenable, martensitic, rustless chrome nickel steel with the following composition (in wt.-%):

Chromium	10 to 14
Nickel	7 to 11
Molybdenum	0.5 to 6
Copper	0.5 to 4
Aluminium	0.05 to 0.55
Titanium	0.4 to 1.4
Carbon + nitrogen	up to 0.3
Sulphur	less than 0.05
Phosphorus	less than 0.05

Silicon up to 0.5

Tantalum, niobium, vanadium and tungsten each up to 0.2

Cobalt where appropriate up to 9.0

up to 0.5

Boron where appropriate up to 9.0

the remainder comprising iron and customary impurities for the manufacture of machine-operated rotary tools, preferably drilling, milling, grinding and cutting tools.

- 2. (Currently Amended) Use according to claim 1, wherein the rotary tools having have geometrically defined cutting edges.
- 3. (Currently Amended) Use according to claim 1, wherein the rotary tools having have non-geometrically defined cutting edges.
- 4. (Currently Amended) Use according to one of claims 1 to 3 claim 1, wherein the rotary tools being are medical tools and instruments.
- 5. (Currently Amended) <u>A machine-operated rotary tool</u> <u>Machine-operated</u> rotary tools, made from <u>a</u> precipitation-hardenable, martensitic, rustless chrome nickel steel <u>having a composition</u> with the following compositions (in wt.-%) <u>comprising</u>:

Chromium	10 to 14
Nickel	7 to 11
Molybdenum	0.5 to 6
Copper	0.5 to 4
Aluminium	0.05 to 0.55
Titanium	0.4 to 1.4
Carbon + nitrogen	up to 0.3
Sulphur	less than 0.05
Phosphorus	less than 0.05
Manganese	up to 0.5
Silicon	up to 0.5

Tantalum, niobium, vanadium and tungsten each up to 0.2

Cobalt

where appropriate up to 9.0

Boron

where appropriate 0.0001 to 0.1

the remainder comprising iron and customary impurities.

- 6. (Currently Amended) The machine-operated rotary tool Machine-operated rotary tools according to claim 5, wherein the rotary tools having tool has geometrically defined cutting edges.
- 7 (Currently Amended) <u>The machine-operated rotary tool Machine-operated rotary tools</u> according to claim 5, <u>wherein</u> the rotary tools having tool has non-geometrically defined cutting edges.
- 8. (Currently Amended) The machine-operated rotary tool Machine-operated rotary tools according to one of claims 5 to 7 claim 5, wherein the rotary tools being medical tools and instruments tool is a-medical tool or instrument.
- 9. (New) A precipitation-hardenable, martensitic, rustless chrome nickel steel for use in the manufacture of machine-operated rotary tools, the steel having a composition (in wt.-%) comprising:

Chromium 10 to 14

Nickel 7 to 11

Molybdenum 0.5 to 6

Copper 0.5 to 4

Aluminium 0.05 to 0.55

Titanium 0.4 to 1.4

Carbon + nitrogen up to 0.3

Sulphur less than 0.05

Phosphorus less than 0.05

Manganese up to 0.5

Silicon up to 0.5

Tantalum, niobium, vanadium and tungsten each up to 0.2

Cobalt where appropriate up to 9.0

Boron where appropriate up to 9.0

remainder comprising iron and customary impurities.

- 10. (New) The steel according to claim 9, wherein the rotary tools have geometrically defined cutting edges.
- 11. (New) The steel according to claim 9, wherein the rotary tools have nongeometrically defined cutting edges.
- 12. (New) The steel according to claim 9, wherein the rotary tools are medical tools or instruments.
- 13. (New) The steel according to one of claims 9, wherein the rotary tools are drilling, milling, grinding or cutting tools.

14. (New) Use according to claim 1, wherein the rotary tools are drilling, milling, grinding or cutting tools.